Maryland F Rare 189 .B1W5 vol.1 cop.2

BALTIMORE VERCHANTS OND ANUFACTURERS DIRECTORY with Compliments to TRADE of MARYLAND.

THE MONUMENTAL CITY

OPENS WIDE HER GATES

AND GIVES TO ALL A WELCOME.

"WHO COMES WITHIN HER WALLS IS SAFE."

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BALTIMORE

Merchants' and Manufacturers'

DIRECTORY.

By Z. F. WILLIAMS.

This work is neither devoted to history nor art. It fills more nearly the average business want, as a guide to Baltimore's leading industries; and while a goodly number of our prominent firms may not appear, those constituting this book will readily be recognized, in many cases, as not only among the first and best in their lines in this city, but in this country.

BALTIMORE:
Press of Isaac Friedenwald,
32 South Paca Street.
1887.

Macquera la

Entered according to Act of Congress, in the year 1887, by Z. F. WILLIAMS,

In the office of the Librarian of Congress, at Washington, D. C.

TO CHARLES MARKELL, ESQ.

It seems very proper that a work like this, embracing the principal industries of a great city and furnishing the names of very many of the leading houses engaged in those industries, should pay its tribute to both worth and enterprise by its dedication to one of Baltimore's MOST ACTIVE, USEFUL and HONORED SONS.

Some one has said that "success succeeds." I would rather say that success won at the expense of self-respect and the respect of those around us is, after all, but a moral poverty, and worse than failure. The FULL-NESS OF SUCCESS must and can only come from energetic persistence in the right, linked to a policy of truth and honesty, and which, like a chain of iron made for strength and endurance, is appreciated more and more after every trial, which proves the genuineness of the metal of which it is made.

It is with pride that I call to mind, and pass in review, a goodly number of our business men who have attained true success, whether in possessing a wealth of dollars or a wealth of character, or both; and among the leading ones, whether as dealer, importer or manufacturer—whether as a gentleman, friend or Christian—pre-eminently stands CHARLES MARKELL.

Z. F. W.

Index to Classifications.

	PAG	ES.
Agents-Manufacturers' Agents See Commission Merchants.		
Agricultural Implements	11,	13
Alcohol		102
Artists' Materials		13
Awnings, Tents, &c		15
Bag Manufacturers		15
BakersSteam	15,	17
Bankers and Brokers		17
Banks 17,	19,	21
Barrel Dealers and Coopers		21
Bedding, Mattresses, &c See Curled Hair Manufacturers.		
Belting Manufacturers		23
Boiler Makers		23
Boots and Shoes	23,	25
Bottlers	,	25
Brass Goods—Sheet Brass, Tubing, Wire, &c		25
Bricks See Terra-Cotta. Also see Lime, Hair, &c.		
Brooms and Baskets See Woodenware.		
Brushes		27
Building Materials		27
Burr Millstones See Mill Furnishings.		
Butter, Cheese, &c See Commission Merchants.		
Cabinet Makers See Furniture Manufacturers.		
Candy See Confectionery.		
Card and Card Boards See Paper Warehouses.		
Carpets, Mattings and Oil Cloths		29
Carriage Goods, Hardware, &c	29.	31
Carriages—Children's See Toys, &c	,	
Cattle Powders See Horse and Cattle Powders.		
Cement, Plaster, &c		31
Chair Makers See Furniture Manufacturers.		•
Chemicals, &c See Fertilizers.		
China, Glass and Queensware		33
Cider and Vinegar		33
Cigars		33
Clocks		35
Clothing—Retail		35
Coal Oil See Oil Dealers and Refiners.		30
Coal-Tar Products		37
Coffee—Roasted		37
Commission Merchants—Agents (Manufacturers' Agents)	39	
" Butter, Cheese, &c	20	11
" General 37,		
" Hides, Leather, &c		
" " Furs, Skins, &c		
'' '' Produce, Poultry, &c		
" Wool, &c 37,	30,	41
Confectionery	55,	41
Coopers See Barrel Dealers.		4 T
Cork Cutters and Dealers		43
Cotton Yarns, Twines, &c		43
Curled Hair, &c		43
OHITCH 11aH, 600		40

	PAG	ES.
Diamonds See Jewelry.		
Drain Pipes and Tiles		
Druggists	45,	47
Druggists' Glassware See Glass Manufacturers.		
Dry Goods—Retail		47
Dyers		$\frac{49}{49}$
Dye Stuffs		51
Electric Stores and Supplies		51
Engineers See Machinists.		-
Engineers' Supplies		
Engravers—Dies, Seals, Stencils, &c		51
Fancy Goods and Notions See Notions and Fancy Goods.		
Fertilizers, Guano, &c 53, 55, 57,	59,	61
Fishing Tackle, Twines, &c		61
Flavoring Extracts	-	108
Flour—Millers and Dealers	-	63
Fruit—Foreign		65
Furnaces, Ranges, &c		
Furniture Manufacturers	65.	67
Furriers and Fur DealersSee Lead Manufacturers. Also		69
Gas-Fitters' and Plumbers' Supplies See Lead Manufacturers. Also		
Machinery Dealers.		
Machinery Dealers. Gas Machines		69
Just Manufacturers— window and Bottles		
Grocers	71,	73
Guns, Pistols and Sporting Goods	72	75
Hardware—Cabinet, General and Upholsterers'	10,	75
Hardware—SaddlerySee Carriage Goods. Also Saddles, Harness, &c.		••
Hardware—Cabinet, General and Upholsterers'		
Hav. Feed. &c		77
Hide and Leather Dealers		77
Horse and Cattle Powders		79
Hotels		79
Hub Manufacturers		79
nsurance—Fire and Marine Insurance—Life		81
fron Founders		81
fron, Steel, &c		83
fron Workers—Fence Railing, &c		85
Jewelers— Retail		87
Jewelers—Wholesale		87
Junk Dealers See Paper Stock and Old Metals, &c.		
Kerosene Oil See Oil Dealers and Refiners.		
Lard Refiners		0.00
Lead Manufacturers—Pipe and Sheet Lead		87
Leather, Hides, &c See Hides, Leather, &c. Lime, Hair, &c		89
Liquors and Wines		89
Machinery—Wood and Iron, &c		91
Machinists 91.	93.	95
Mantels, Tiles, &c	,	95
Marble and Stone Workers		97
Mattress Makers See Curled Hair.		
Medicinal PreparationsSee Druggists.		0.17
Military and Society Goods		97
Mill Furnishings		97
MillwrightsSee Picture-Frame Manufacturers.		99
Notions and Fanay Goods		aa

PA	GES.
Oil Dealers and Refiners 99, 101,	103
Opticians	103
Organs Sèe Piano Manufacturers.	
Paint Manufacturers 103,	
Paint Manufacturers—Roofing	105
Paints, Oil, Glass, &c 107,	
Paper Bags, &c	109
Paper HangingsPaper Manufacturers	111 111
Paper Stock, Old Metals, &c	111
Paper Warehouses	113
Piano Manufacturers	115
Picture-Frame Manufacturers	115
Plaster See Cement, Plaster, &c.	
Plumbers' and Gas-Fitters' Supplies. See Lead Manufacturers. Also Machinery.	
Printing Presses, &c	117
Produce Dealers See Commission Merchants.	
Provisions, &c	117
Refrigerator Manufacturers	119
Roofing Materials See Coal-Tar Products. Also Paint—Roofing.	110
Rubber Goods See Francisco Standillo Re	119
Rubber Stamps	191
Salt	121
Sash, Doors and Blinds See Building Materials.	1~1
Scales Manufacturers	121
Seeds	123
Sewing Machines	123
Shoe FindingsSee E. Larrabee & Sons, under Hides, Leather Dealers.	
Shot Manufacturers	125
Showcases	125
Snuff Manufacturers	125
Soap and Candle Manufacturers	127
Spices and Fancy Groceries	127
Sporting Goods. &c	129
Steam and Water Heating Sec Machinery. Also Stoves, Ranges, &c.	120
Stencil Cutters	
Stoves, Ranges, &c	131
Tack Manufacturers See Hardware.	
Teas	133
Teas	133
Tin Plate and Tin Materials	135
Tinware 135,	137
Tobacco, Cigars, &c	137
Toys, Baby Carriages, &c	139
Trunks, Satchels, &cSee Saddles, Harness, &c. Also Window Shades. TwinesSee Fishing Tackle, &c. Also Cotton Yarns, &c.	
Umbrellas, Parasols, &c	139
Upholsterers—Fine Work	139
Upholstery Goods	139
Varnish Manufacturers	141
Vincer See Cider and Vinegar	
Water Works, Tanks, Pumps, &c	141
Wedding and Visiting Cards	141
Wheel Manufacturers	143
Whips and Umbrellas.	143
Window Shades, &c	143
Wines and Liquors	145
Woodenware, &c	145
Wool Doolers	145

Index to Advertisers.

Adalahargan D G	. Water Works, Pumps, &c	GES.
Rakar R I & Co	Fertilizers54	140
		18
Cassard G. & Son	Lard Refiners, Meats, &c	136
Dushane, J. A. & Co	Paper Manufacturers	149
Fontz. David E	Cattle Powders, Medicines, &c 48	138
Frev. E. & S	Druggists, Vermifuge, Extracts, &c46	. 108
Friedenwald, Isaac	Printer, Bookbinder, &c	66
Gambrill, C. A., Mfg. Co	. Flour 62.	136
Gilpin, Langdon & Co	. Druggists44	. 114
Harvey, W. P. & Co	. Meats, Lard, Cheese, &c	, 134
Hirshberg, Hollander & Co	Painters' and Artists' Supplies106	, 104
Hurtt, J. B. & Co	Druggists, Medicinal Preparations	146
Kalling, Lewis	. Americanus Natural Mineral Water	50
Kemp, Clarence M	.Gas Machine	70
Kohner, Max	.Jewelry, Watches, &c	74
Lister Bros	. Fertilizers52,	134
Macneal, Jas. B. & Co	Oils and Roofing Paint	102
Markell Bros	Spices and Fancy Groceries24	, 144
	. Fertilizers 56	
Mason, J. D. & Co	Cake and Cracker Bakery22,	, 144
Myers, Jacob	. Paper Hangings, &c.	110
Red "C" Oil Mig. Co	Oils96	
Robinson, E. W	Roofing Paint.	72
Changer Lease A & Co	Oils	, 130
Sheppard, Isaac A. & Co	Dry Goods—Jobbing and Retail	
Stevens Goo O	Sash, Doors, Blinds, &c26,	78
Super & Wylie	Meats, Lard, &c	116
Swindall Bros	. Window Glass and Bottles	120
Tough Rutherford & Co	Oils	196
Walker Noah & Co	.Clothing—Retail	76
Williams Z F	Oils, Drugs, Paints, &c64, 104, 108,	114
17 IIII.	. Ons, Drugs, Lumbs, tto	111
•		
Inday to Cr	bioeta and Illustrations	
muex to su	bjects and Illustrations.	
Poltimore	12, 14	4 10
Ranking		82
		120
City Holl	***************************************	118
Education and the Sciences	30 39 3/	1 26
Electoral Vote by States	30, 32, 34	80
Georgia	***************************************	84
Maryland	***************************************	86
Mother Earth and the Fertilizing	Industries 38, 40	1 42
		88
Notable Events Happening First	in Baltimore	28
Petroleum	58	
Population by States	**** :******** ************************	80
South Carolina	*** * * * * * * * * * * * * * * * * * *	90
United States		80
Virginia		92
Washington Monument		124
West Virginia Young Men's Christian Associati	****** ****** ****** ***** ****** ***** ****	94
		122

THIS WORK IS NEITHER DEVOTED TO HISTORY NOR
ART. IT FILLS MORE NEARLY THE AVERAGE BUSINESS WANT, AS A GUIDE TO BALTIMORE'S LEADING
INDUSTRIES; AND WHILE A GOODLY NUMBER OF OUR
PROMINENT FIRMS MAY NOT APPEAR, THOSE CONSTITUTING THIS BOOK WILL READILY BE RECOGNIZED,
IN MANY CASES, AS NOT ONLY AMONG THE FIRST AND
BEST IN THEIR LINES IN THIS CITY, BUT IN THIS
COUNTRY.

ACKNOWLEDGMENT.

Like a good boy who, always in love with his mother and unceasing in his praises of her, so has Baltimore a son, in the person of my Lawyer-friend, HON. JOHN L. THOMAS, who is always ready to write, speak, sing or work, if the theme is Baltimore, her people, or her good. It is from this justly notable source that I get the article entitled "Baltimore," to which, with pleasure, I refer every holder or reader of this work.

Z. F. W.

BALTIMORE

MERCHANTS' AND MANUFACTURERS' DIRECTORY.

AGRICULTURAL IMPLEMENTS.

BALTIMORE PLOW CO.

PLOWS .

828 South Howard St.

ROLAND FARM BELLS.

BICKFORD & HUFFMAN.

MANUFACTURERS
FARMER FAVORITE*
GRAIN DRILL,

408 South Eutaw St.

WITH WIZARD, FAVORITE AND MARK'S FERTILIZER ATTACHMENTS.

COTTINGHAM J. T. & CO.

MANUFACTURERS

FARMING IMPLEMENTS
AND MACHINES.

Seed Merchants and Importers.

124 Light Street.

Sinclair's Old Stand-Estab'ed 100 yrs.

EMPIRE DRILL COMPANY.

MANUFACTURERS

GRAIN DRILLS

---AN D---

706 Swan Street.

HAY RAKES.

BALTIMORE.

We have been requested to write a sketch of Baltimore City, as an introduction to this book; but Baltimore has been sketched so often, and by so many able pens, that we shrink from undertaking the task. Besides, the space allowed us is so small that we could not do the subject justice, and we propose, therefore, to call this a *glance* rather than a *sketch*.

We take it for granted the majority of readers of these pages will be more interested in knowing what Baltimore is than what it was. Very few care anything nowadays about how a city was planted, or who planted it, or through what struggles and vicissitudes it grew from a village to a town, and from a town to a city.

This being the case, we are saved the trouble of saying anything about the Joneses and Fells, and other celebrated characters, who are credited with having been the first to plant Baltimore where it is to-day, or of the many eventful episodes in its history. Suffice it to say, Baltimore was planted about one hundred and fifty years ago, and it has come to stay, as a great manufacturing, commercial and trade center.

Baltimore is the youngest of the great seaboard cities. It is younger than New York by one hundred and sixteen years; younger than Boston by one hundred years; younger than Philadelphia or Charleston by fifty years; and even younger than New Orleans, Richmond, or Norfolk.

If, during the comparatively short existence of Baltimore, it has grown so sturdy and wealthy and great as to become the rival of New York, Boston and Philadelphia, and these cities have become jealous because of its superior advantages as a great trade center, these facts ought to make Baltimoreans feel very happy and inspire them with new life and energy to go ahead and achieve yet greater things.

Whilst these great cities have been struggling for years to attract and absorb all of the trade, commerce and manufactures of the land, Baltimore has not attempted to exaggerate itself nor to belittle its rivals, but has been contented and happy in attending to its own affairs and in steadily and quietly developing the energies that have made it what it is to-day.

It may not be as frisky a little town as it was during the Revolutionary War, when it was the best known of any in the colonies, but it has lost none of the patriotism or courage it then possessed; and in spite of the efforts of its rivals to make it a "pent-up Utica," like Israel of old, it

McSHERRY D. E. & CO.

(D. R. WEAVER, GEN'L AGENT,)

211 S. Charles St. (Old No. 89).

McSHERRY GRAIN & FERTILIZER

**** DRILLS ****

GEM CITY DISC HARROW,
ANCHOR POTATO DIGGER,

CORN DRILLS, FEED CUTTERS, &C.

SINCLAIR R. & CO.

MANUFACTURERS

AGRICULTURAL IMPLEMENTS
AND MACHINERY.

ENSILAGE CUTTERS A SPECIALTY.

SEND FOR CATALOGUE.

48 to 54 Hamburg St.

THOMAS JOSHUA.

AGRICULTURAL

AND

121 Light Street.

MILL MACHINERY, &c.

WHITMAN E., SONS & CO.

MANUFACTURERS

AGRICULTURAL

27 East Pratt Street.

IMPLEMENTS.

ARTISTS' MATERIALS.

SEE ALSO PAINTS, ETC.

Hirshberg, Hollander & Co.

ARTISTS'

SUPPLIES

N.W. Cor. Hanover & Pratt Sts.

See pages 104 and 106.

See article on pages 12, 14 and 16.

has managed "to lengthen its cords, strengthen its stakes, and stretch out the curtains of its habitation."

The noble Chesapeake, the broad Patapsco, and the magnificent back country of rolling hills, fertile valleys, and ever-flowing and copious streams of sweet, pure water are advantages that God has given to Baltimore which no rivalry can ever take away from it, which made it what it is to-day, and will add to its population and wealth in all the years to come.

These are the jewels that blaze out in every direction; that long before the days of railroads made it attractive, not only as a home-place to live in, but as the most favorable for manufactures and commerce; and were Baltimore cut off to-day and made a mere "way-station," as some of its blustering rivals pretend it will be, its growth would not be retarded or its trade and manufactures affected.

The city that built the first railroad and electric telegraph in the country, and, in fact, started almost all enterprises of "pith and moment" within the last half century, is not the place to be a mere "way-station." The energy and pluck that nerved our fathers to scale the Alleghenies will be forthcoming to keep it where it is to-day, as the natural scaport of the great West and Northwest and the distributing point for the products of the South.

The Baltimore of to-day cherishes no resentments, jealousies or hates. The war left its commerce paralyzed and its manufactures prostrated. Since that unhappy period Baltimore has been working hard to make up for lost time, and it has more than recovered from the shocks of war.

Waste places have been built up, wharves and piers extended, the approaches to the harbor deepened and widened, immense elevators erected, the finest dry-dock in the country established, and machine shops, foundries and cotton mills occupy the most eligible sites on the streams in the city and its suburbs.

The growth of the city has been phenomenal, not only in the rapid building up of its geographical area, but in its great increase in population and manufactures. In fact, the city has overleaped its corporate limits, and if what properly belongs to it were added, which will be done next winter, Baltimore would stand third instead of sixth in point of population.

The rapid development of the productive industries has been no less phenomenal. Whilst it has temporarily lost its sugar refineries, which are again to be started on a larger scale than ever, it has more than made up for this loss in the establishment of thousands of new industries, embracing manufactories of iron, copper, leather, flour, tobacco, clothing, glassware, brick, tin-plate, oyster canning, fruit packing, etc., etc.

It now ranks eighth among the manufacturing cities of the country, and exemptions of the plant of the manufacturer from taxation, and the LOANE J. W.

MANUFACTURER OF

15 N. Gay Street.

FLAGS, AWNINGS AND TENTS.

WISE JOHN H. & CO.

FLAGS, TENTS,
Plain and Fancy Awnings,
HORSE AND WAGON COVERS.

306 & 308 E. Pratt St.

BAG MANUFACTURERS.

BAILEY JOHN T. & CO.

MANUFACTURERS OF

Bags, Rope and Twines.

IMPORTERS OF

Old Corn Exchange Building.

BURLAPS and BAGGING.

GRAFFLIN JOHN C. & CO.

Baltimore Bag Factory.

SACKS AND BAGS

209, 211 & 213 South St. OF EVERY DESCRIPTION.

BAKERS-STEAM.

BEATTY JAMES & CO.

CRACKER

AND CAKE

BAKERS.

206, 208 & 210 Dugan's Wharf.

abundant water-supply, that is sold at a nominal rate, will attract capital and every year add to its wealth.

As a home-place, a place to live in, Baltimore has no equal on this continent. We have travelled all over our country, have visited every city of any size from the Atlantic to the Pacific, and from Puget Sound and the Lakes to the Gulf of Mexico, and we can truthfully say there is no city in the land where a poor man can live so well and so cheaply, on a small income, and, if he be honest, be as much respected, as in Baltimore. The River and the Bay supply him with the finest fish, oysters and ducks to be found anywhere, while the fertile lands of the back country give him vegetables and fruits and all marketable commodities, the very best and of every variety. House rent is cheaper than elsewhere, and the houses of the laboring man are small-sized palaces compared with some we have noticed in other cities. Aside from its Johns Hopkins University and other colleges, no city in the land has finer or better educational institutions, free and open to the poor, and its homes, hospitals, asylums, free libraries and other institutions are too numerous to mention.

In addition to all this there is a strong moral tone pervading the whole community, noticeable to every stranger, and although Baltimore is called the City of Monuments, it is also the City of Churches and grand Christian enterprises. This moral tone is seen in the strict observance of the Sabbath day, in the general enforcement of the laws, the character and efficiency of its police, the high standing and attainments of its judges, and the honesty with which its municipal government is carried on.

In this rapid glance at Baltimore we have purposely avoided statistics and details: the reader must look elsewhere for these. But the best thing to do is to pay us a visit. Come, stranger; come; we will not "take you in," but take you by the hand of hospitality; and if you will come and see for yourself, you will say nothing has been exaggerated, but, on the contrary, half has not been told you. If you do not conclude to cast your lot with us when you come, we will bear no hard feelings against you on that account, but treat you kindly, and we are certain when you leave us you will ever after be a friend of Baltimore.

Chesapeake Steam Bakery.

(C. M. PALMER, MANAGER.)

17 W. Camden St.

E. L. PALMER & CO., PROPRIETORS.

FINE BISCUITS, CRACKERS

FANCY CAKES.

MASON JAMES D. & CO.

Maryland Steam Bakery.

CRACKERS

FANCY CAKES.

See pages 22 and 144.

Pratt St., opp. Maltby House.

BANKERS AND BROKERS.

BROWN & LOWNDES.

J. WILCON EROWN.
C. D. LOWNDES.
FRANK T. REDWOOD.

Baltimore Stock Exchange.

Stock Exchange Building.

BANKERS AND BROKERS.

Special Attention Given to

SOUTHERN SECURITY INVESTMENTS.

STEIN BROS.

BANKERS AND BROKERS.

Members of Balto, Stock Exchange.

Receive Deposits from Bankers and Banks and allow interest on balances.

32 E. Baltimore St.

SOUTHERN SECURITIES AND INVESTMENTS
A SPECIALTY.

BANKS.

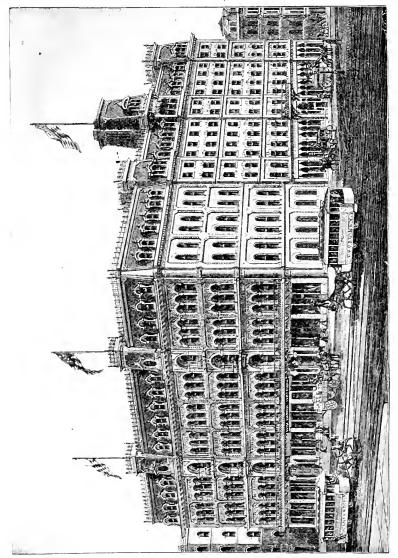
CITIZENS' NATIONAL.

Capital Stock, - \$500,000.00

HENRY JAMES, President.
THOMAS CASSARD, Vice-President.
J. WESLEY GUEST, Cashier.

Surplus, - - 445,433.53

CARROLLTON HOTEL, - - BALTIMORE.



This Hotel was built entirely new from the foundation. It has 250 chambers and every modern improvement, including large and commodious elevators.

It is pleasantly situated in the centre of the city and occupies an entire square, with an annex, which is bounded by Baltimore, Light, German and Grant Streets. The City Passenger Railway from all points pass the door, or within a few steps of it, a convenience that can scarcely be estimated. The rates are for—First and Second Floors, \$4 per day; Third and Fourth Floors, \$9 per day; Fifth and Sixth Floors, \$2.50 per day. Bath Rooms and Parlors at reasonable extra rates.

Farmers' & Merchants' Nat.

JAMES SLOAN, JR., President. C. H. PITTS, Cashier. Established 1808.

Capital, . . . \$650,000

Surplus, . . . 325,000

Accounts solicited.
Collections promptly attended to.

FRANKLIN BANK.

Capital,

\$320,000

Surplus,

45,000

CHARLES J. BAKER, President. V. EMORY GARDNER, Cashier.

Accounts solicited.

HOWARD BANK.

Capital,

. . \$206,890

Surplus,

25,000

SAM'L EDMONDS, President. THOS. S. RIDGAWAY, Cashier.

A general Banking Business transacted and Collections made.

MERCHANTS' NATIONAL.

Capital, . . . \$1,500,000

Douglas H. Thomas, President. Edward H. Thomson, Cashier.

Undivided Profits, 550,000

NATIONAL MECHANICS'.

JNO. B. RAMSAY, President. JAMES SCOTT, Cashier.

Established 1806.

Capital, . . . \$1,000,000 Surplus, . . . 140,000

Collections made on all points in the United States and Canada.

OLD TOWN BANK.

Capital,

\$150,000

Surplus,

60,000

E. G. HIPSLEY, President. THEO. F. WILCOX, Cashier.

Special attention to private accounts.

PEOPLE'S BANK.

WM. S. CARROLL, President.
J. HENRY JUDIK, Vice-President.
Jos. A. McKellip, Cashier.

Chartered 1856.

Capital paid up, . \$250,000 Surplus and undivided profits, . . 29,000 A general Banking Business transacted. WM. P. HARVEY & CO.
GRAIN and PROVISIONS,
CHICAGO, ILL.

WM. P. HARVEY & CO.
GRAIN and PROVISIONS,
KANSAS CITY, MO.

W. P. HARVEY & CO.

Office, 311 EXCHANGE PLACE.

PACKING HOUSE and LARD REFINERY, 302, 304 and 306 PLEASANT and 353 NORTH STS.

COLD STORAGE WAREHOUSES, HOLLIDAY STREET.

FISH DEPARTMENT, 108 COMMERCE STREET, BALTIMORE, MD.

Commission Merchants AND DEALERS IN

SMOKED AND DRY SALTED MEATS.

CLEAR RIB SIDES, LONG CLEAR SIDES, SHOULDERS, Etc.

MESS PORK AND FAMILY BEEF, Sugar-Cured Meats,

Hams, Shoulders, Breakfast Bacon Strips, Breasts, Beef, Etc.

CANVASED HAMS—" SPRINGFIELDS," "MONUMENTALS,"
"PINEAPPLES."

BEST REFINED PURE LEAF LARD,

IN ALL STYLE PACKAGES,

TIERCES, TUBS, 50-LB. TINS, 20-LB. BUCKETS, 3, 5 and 10-LB. TINS, PACKED IN CASES.

TARBELL'S CELEBRATED CREAM CHEESE,

The finest made. Beware of imitations, as several disreputable parties have endeavored to imitate this brand.

DERBY CREAM CHEESE,

CHOICE CREAMERY AND DAIRY BUTTER.

SALT FISH of all kinds.

Barrels, Halves, Quarters, Kits, Pails, Etc.

MACKEREL, HERRING, COD, HAKE, BONELESS COD, Etc. See page 134.

SECOND NATIONAL, Capita

Capital, . . \$500,000.00

J. S. GILMAN, President. C. C. HOMER, Vice-President. J. H. BAWDEN, Cashier.

Surplus, . . . 250,000 00

THIRD NATIONAL.

ESTABLISHED 1865.

WM. H. CRAWFORD, President.
J. FRANKLIN DIX, Vice-President.
ALEX. M. CARTER, Cashier.

CAPITAL, . . . \$500,000.00

SURPLUS, . . . 65,400.00

Will collect and remit promptly at low rates.

WESTERN NATIONAL.

Capital, . . . \$500,000.00

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1787—The first Sunday School in the United States.

1789—The first Steam Saw-Mill.

1789—The first Council of Catholic Clergy.

1790—The first Wall Paper introduced.

1792—The first Water Company in the United States.

1796—The first Turnpike Road in the United States.

1808—The first Horse Artillery.

1809—The first American Sisters of Charity.

1813—The first Marine Artillery.

1814—The first Monument to George Washington.

1816—The first Gaslight Company.

1819—The first Agricultural Newspaper in the United States.

1819—The first Sunday-School Newspaper in the United States.

1819—The first Odd-Fellows' Society.

1827—The first Railroad (Baltimore & Ohio) in the United States.

1828—The first Founding of the M. P. Church.

1832—The first city to import Guano.

1839—The first Dental College in the world,

1840—The first Temperance Society.

1844—The first Telegraph Line.

1858—The first Paid Fire Department.

1861—The first Bloodshed in the late Civil War.

1865—The first Southern Agricultural Aid Society.

1866—The first Southern Relief Association.

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EDUCATION AND THE SCIENCES.

In any account of the literary and educational facilities of Baltimore, it is but natural to begin with the Johns Hopkins University, not only because its influence is wider than that of those institutions of a more distinctly local character, but because the munificence of its foundation, and certain novelties in its scope and methods, have attracted very general attention both at home and abroad. It has, as a college and university, no exact counterpart anywhere.

In 1873 Mr. Johns Hopkins, a wealthy merchant of Baltimore, left the bulk of his large fortune of between six and seven millions of dollars to found a university and a hospital. For the organization and administration of the University the founder appointed a board of twelve trustees, selected for especial fitness for the responsible trust. These gentlemen, after carefully considering the purposes of the testator and the needs of the community, and after the examination of the chief university systems in Europe and the United States, fixed upon a general design, which seemed to combine the greatest advantages and to be, at the same time, elastic enough to admit of such modifications as experience should show to be desirable.

As now constituted, the Johns Hopkins University consists of a collegiate department and a university proper, the one leading to the other. The academic staff at present consists of forty-eight members, including the president, professors of several grades, assistants and instructors. The students number, in 1886-7, 375.

The geographical distribution of the students shows how widely the reputation of the University has spread, although it has been in operation only eleven years. Of the 924 students enrolled in the ten years 1876-86, 419 came from Maryland (Baltimore furnishing 330), while 505 came from other States, from Canada, Europe and Japan.

The buildings of the University are situated in a central and attractive part of the city. They consist at present of five large and substantial structures, or halls. There is also a large and excellently appointed gymnasium, fitted out on the Sargent system, and under the control of a properly qualified instructor. These buildings have all been paid for out of the revenues of the University, the capital endowment being preserved intact.

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See article on Mother Earth, pages 38, 40 and 42.

The University also possesses "Clifton," the beautiful and extensive country-seat of Mr. Hopkins, on the northeastern outskirts of the city, to which the students have free access, and where provision has been made for athletic sports of various kinds.

The library contains 30,000 volumes, and over 800 distinct periodicals are received, partly by subscription and partly by exchange, from all parts of the globe. In addition, the members can avail themselves of the rich stores of the neighboring Peabody Library, amounting to more than 86,000 volumes.

Seven journals are published under the auspices of the University, representing as many leading branches of study and research, and numbering among their contributors eminent men of science on both sides of the Atlantic.

THE JOHNS HOPKINS HOSPITAL,

as above mentioned, was founded by Johns Hopkins at the same time as the University, and endowed with the same amount, about \$3,000,000. Thirteen commodious buildings, connected by covered passages, have been constructed and are nearly ready to be occupied. This remarkable group of edifices stands upon high ground, in the eastern part of Baltimore, about a mile from the Monument, and will well repay a visit.

Next among the institutions of Baltimore intended to increase the knowledge and educate the tastc of the public is

THE PEABODY INSTITUTE,

one of the many gifts of another of America's great philanthropists, George Peabody. During all his residence in foreign lands Mr. Peabody never forgot Baltimore, the city where he had met his first business success; and, in 1857, he gave it a substantial proof of his gratitude by founding the Peabody Institute and appointing twenty-five prominent Baltimoreans as trustees, placing in their hands, in several gifts, a total endowment of \$1,400,000. The result of this liberality was the present handsome building of white marble standing on Washington Square.

A Library, first opened to the public in October, 1856, with a nucleus of 50,000 volumes, has been slowly increased, with judicious selection, till the number now reaches 86,000 volumes. The books are of a character to supply the needs of special students and teachers, as well as of the general public.

An annual course of *Lectures* on popular subjects was provided for, and distinguished lecturers, both American and European, are engaged to present the results of their studies and investigations.

A Conservatory of Music was organized for the teaching of music, and an annual series of Symphony Concerts is provided for.

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See article on MOTHER EARTH, pages 38, 40 and 42.

Lastly we must mention a Gallery of Art, which has been enriched by several gifts from liberal citizens.

THE MARYLAND INSTITUTE

dates, in its present form, from 1848, and is the outgrowth of a similar organization which was incorporated as early as 1825. Its prominent feature is a *School of Design*, first opened in 1851, including a night school, of which the membership is very large, and a day school, with a smaller membership. The *Library* of the institution numbers about 20,000 volumes. A course of *Lectures* is annually given to the members, and is always well attended. A *Music School* is also attached to the Institute.

By an act of corporation of the year 1798 was formed the "Medical and Chirurgical Faculty of Baltimore," with the power of granting licenses to those qualified to practise medicine and surgery within the State; and, by another act of 1812, the faculty was authorized to "constitute, appoint and annex to itself" three other faculties—viz.: of Divinity, of Law, and of Arts and Sciences. This it did on the 6th of January, 1813, and so was formed

THE UNIVERSITY OF MARYLAND,

which is the next institution that we shall briefly describe. The School of Law was reorganized in 1870 by the active efforts of some of the leading members of the Baltimore bar, and since then has advanced with a steady and satisfactory progress, giving the degree of Bachelor of Laws to a larger number of applicants each year.

The School of Medicine has continuously kept up its organization as an active-working institution, from its incorporation to the present time, being one of the oldest schools in the country. Under its management are the Baltimore Infirmary or University Hospital, the Marine Hospital of the port, and the Maryland Free Dispensary. The students are assigned wards in the Hospital, and, while in attendance on the sick, they receive daily supervision and instruction from the professors of the University.

Among the institutions in Baltimore for the study of the science of medicine may be mentioned

THE COLLEGE OF PHYSICIANS AND SURGEONS,

where clinical and didactic instruction are so combined as to give all students an eminently practical course of study. The students are granted equal privileges with those of other institutions in all the hospitals and public charities of the city, and the College has connected exclusively with itself two notable organizations—viz.: the Ballimore

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SEE PAGE 76 TO

See article on MOTHER EARTH, pages 38, 40 and 42.

City Hospital, where many patients are treated almost daily, and the Maryland Lying-in Asylum, where superior clinical advantages are offered for the study of obstetrics.

THE BALTIMORE COLLEGE OF DENTAL SURGERY,

chartered in 1839, is the oldest, and was for many years the only dental college in the world. It contains an *Infirmary* and a *Museum*.

THE MARYLAND DENTAL COLLEGE

gives courses of lectures in the science of dentistry, both didactic and clinical, and contains an *Infirmary*, open throughout the entire year, for the treatment of patients and for the instruction of students.

Returning to institutions of a more general character, we will speak of

THE MARYLAND ACADEMY OF SCIENCES,

incorporated in 1867, whose principal object is to form a *Museum* of the natural history of Maryland, containing specimens of all the animal life of the State. This it has to a great degree accomplished, and its interesting museum is open to the public daily. It also contains a reference library of over 1000 volumes, and its members often give public lectures on subjects connected with the object of the institution.

The Schools of Baltimore, both public and private, are among the best in the country. Among the former may be mentioned the State Normal School, for the education of persons intending to become teachers within the State limits; the Baltimore City College; the Eastern and the Western Female High Schools, and a complete system of Public Schools, both Grammar and Primary Schools.

Finally, we may complete the summary of the literary and educational facilities of Baltimore by a mention of the Maryland Historical Society Library, which, by becoming the heir of the old Baltimore Library Company, and by means of a gift of \$20,000 from George Peabody, became possessed of a magnificent collection of books on the history of the State and kindred topics; and of the Enoch Pratt Free Circulating Library, which was endowed by the munificent gift of Enoch Pratt, one of Baltimore's most respected citizens, in 1885, with considerably over a million dollars, and already has on its register more than 26,000 names, from all classes of the public.

Baltimore also supports an *Oratorio Society*, and this year has been inaugurated a course of *Philharmonic Concerts*, which are largely patronized by lovers of music in the city; besides several private musical associations, like the *Baltimore Glee Club*, and others.

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MOTHER EARTH AND THE FERTILIZER INDUSTRIES.

The progress of civilization is marked not only by the wider diffusion of knowledge, but first and foremost by the practical application of scientific discoveries. This truism is in a singular manner illustrated by an industry which, though only fifty years old, has contributed more towards increased general prosperity than all others. As long as the earth furnishes nutriment to man, agriculture will remain the most widespread and, at the same time, the most essential occupation of man, so that agricultural progress and agricultural prosperity are the true measure of a nation's advance.

As soon as the laws which underlie the transformation of matter from earth into grass and cereals, from that into milk and bread and bone and meat and blood, and back again into earth, became properly known, the science of chemistry pointed out how the phosphate deposits and waste products of slaughter-houses, and other refuse, were valuable means of restoring to wornout soils previous fertility. On the hand of scientific research the preparation of artificial plant-food began, and soon rose from insignificant beginnings into a most important branch of industry in all civilized countries. Nor did the United States remain behind the Old World in this respect. To state that the total amount of commercial fertilizers consumed in the United States rose from 100,000 tons in 1875 to 1,000,000 tons in 1885, is to state what rapid strides the fertilizer industry has made within that short period of ten years.

While factories equipped with costly machinery and every known appliance for economical production are scattered all along the Atlantic seaboard, Baltimore has from the beginning occupied the foremost place, as manufacturing nearly 33 per cent. of the total output of the whole country. Twenty-seven factories are located in and around Baltimore, nearly all supplied with acid chambers of their own, and an aggregate capacity of about 300,000 tons. Charleston ranks next, with eight good-sized establishments. Several very large factories are located in the New England States, and New York, Philadelphia, the two Wilmingtons, Richmond, Savannah, Augusta and Atlanta possess also their share of this industry.

To what extent fertilizers were the means of restoring new prosperity to the South has never been properly investigated, but a superficial glance at the size of the cotton and tobacco crops of the last few years convinces us that the increased production per acre is directly traceable BUZBY D. T. & CO.

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and proportioned to the quantities of fertilizers consumed. It is safe to say that but for unwise legislative enactments which threw unnecessary embargoes around the trade, the agricultural progress would have been greater. The fertilizer industry, depending as it does upon agricultural chemistry, has at no time been averse to proper legislation; that is to say, to a proper inspection, by means of which farmer and manufacturer are alike protected against imposition on one hand and competition with adulterated goods on the other hand. Unfortunately, many State laws have been framed for revenue purposes rather than the legitimate object they should have held in view, and so an endless variety of provisions has, in course of time, been enacted which hamper the trade, obstruct its healthy expansion, and tax the farmer by taxing the manufacturer. Gradually these mistakes are discovered as such, and, through the harmonious co-operation of chemists, agricultural departments and the trade, an improved state of things may be looked forward to at no distant date. This is all the more to be hoped, as the necessity for the use of fertilizers is no longer a debatable question. That it pays to feed the soil is a fact established beyond dispute. Competition has, moreover, brought the prices down to figures which enable the poorest farmer to make profitable investments in this indispensable agricultural commodity.

As regards fertilizers themselves, they divide themselves into two classes: complete fertilizers—viz.: artificial products containing, in due proportions, the three most essential elements of plant-food in available form; namely, phosphoricacid, nitrogen and potash—and, secondly, acid phosphates, containing only phosphoric acid, or phosphoric acid and potash combined, but no nitrogen. The manufacture of complete fertilizers is more extensively carried on in Baltimore and the North than in the South, which is the entrepot of acid phosphate manufacture.

Though the use of fertilizers was at first confined to the tier of States first settled, the West feels already the necessity of restoring to its rich soil its primitive producing capacity by means of fertilizers, and hence some factories have already sprung up in the interior.

The terse maxim that the most profitable cultivation of land consists in making two blades of grass grow where one would grow did nature remain unassisted, underlies what is called "high farming." Without artificial fertilizers, increased productiveness per acre remains an utopian dream; by their proper application, however, results have been obtained which speak for themselves, for, to raise an average acreage yield of from tifteen to eighteen bushels of wheat to upwards of thirty, and in some instances as high as sixty bushels per acre, shows at once what saving in labor on one hand, and what increased return on the other, intelligent fertilization may produce. From whichever point of view the fertilizer trade is looked at, the interdependence of agricultural

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prosperity and the manufacture of scientifically prepared manures asserts itself everywhere, and the time will come when this industry will play the most important part in the economic administration of national wealth.

The above subject is of such vast importance to both grower and consumer, to the modern planter as well as the young agricultural student-indeed, is one which cannot fail to interest all intelligent classes, and which will grow in interest each year as we become more familiar with fertilizers, their need and uses. In this anticipation, I can but earnestly recommend all business men and students to read carefully the above article, kindly supplied by A. de Ghequier, Esq., of Baltimore, who is not only our recognized authority on the subject, but is recognized as authority throughout the United States and many parts of Europe.

INTERESTING ARTICLES.

	PAGE.	
Baltimore 12,	14 and	16
Notable Events		28
Education and the Sciences	34 and	36
Petrolenm	58 and	60

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See article on MOTHER EARTH, pages 38, 40 and 42.

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FREY'S VERMIFUGE and C. W. LOGAN'S BLOOD PURIFYING TONIC. See pages 46 and 108.

GILPIN, LANGDON & CO.

IMPORT AND EXPORT

DRUGGISTS-

JOBBERS.

DRUGGISTS.

N. W. Cor. Light & Lombard Sts.

See pages 44 and 114.

HURTT JOHN B. &

MEDICINAL PREPARATIONS.

73 W. Baltimore St., near Gay.

See page 146.

CHAS. W. LOGAN.

ESTABLISHED 1833.

E. & S. FREY, Wholesale × Druggists,

314 WEST BALTIMORE STREET, BALTIMORE. MD.

PROPRIETORS AND GENERAL AGENTS OF

FREY'S VERMIFUGE FOR WORMS.

In Use 50 Years. Always Safe and Reliable.

CHAS. W. LOGAN'S BLOOD PURIFYING TONIC.

For Dyspepsia, Sick Headache and Blood Diseases.

A GRAND REMEDY.

Chas. W. Logan's Cough Mixture.
For Coughs, &c. Excellent. It Cures.

CHARLES W. LOGAN'S RHEUMATIC LINIMENT.

For Rheumatism, Sprains, Bruises, &c. One of the Best.

Chas. W. Logan's Great American Remedy

For Diarrhœa, Dysentery, Cramps, &c.

In great favor with all who use it.

DR. DRAKE'S COUGH SYRUP. For Coughs, Croup, Asthma, &c.

HALL'S CHILL CURE.

For Chills and Malaria. A Sure Cure.

CHAS. W. LOGAN'S CHOICE FLAVORING EXTRACTS.

The Best in the Market.

A fair trial of the above Remedies and Choice Flavoring Extracts will convince of their true merit. See page 108.

MUTH BROS. & CO.

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APOTHECARY SUNDRIES.

SHARP & DOHME.

MANUFACTURERS OF
Poluid, Solid @ Powdered Extracts

Soluble Gelatine and Sugar-Coated Pills,

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Soluble Hypodermic Tablets, Granular Effervescent Salts, and

WILLIAMS Z. F.

PHARMACEUTICAL PREPARATIONS GENERALLY.

BROKER IN

Drugs, Chemicals,
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42 S. Charles Street.

See page 114.

WILLIAMS Z. F.

Medicinal * Whiskey.

42 S. Charles Street.

MADE ONLY FOR DRUGGISTS.

SOLD ONLY TO DRUGGISTS.

See page 64.

DRY GOODS-RETAIL.

SIMON CHAS. & SONS.

ESTABLISHED 1816.

FOREIGN AND DIMESTIC DRY GOODS.

208 N. Howard Street.

Oldest Dry Goods House in Baltimore.

See page 78.

See article on Mother Earth, pages 38, 40 and 42.

FOUTZ'S & MEDICINES,

so long and favorably known, are prepared with the greatest care and of the very best ingredients that can be obtained.

Foutz's Gelebrated Horse M Gattle Powders

have attained a world-wide reputation for their curative power and medicinal virtue. They stand preeminently as the leading stock powders of the age. "Farmers say so." The greatest care is taken in the selection of the ingredients, and they are scientifically compounded.

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NO HORSE will die of COLIC, Bors or LUNG FE-VER, it Fontz's Powders are used in time. Fontz's Powders will eine and prevent Hog Cholera. Fontz's Powders will prevent GAPRS IN FOWLS. Fontz's Powders will increase the quantity of milk and cream twenty per cent, and make the butter firm and sweet.

and cream or only.

Fonds's Powders will cure or prevent almost evely
Disease to which Horses and Cattle are subject.
FOUTE'S Powders will give Natisfaction.
Sold everwhere.

DAVID E. FOUTZ, Proprietor, BALTIMORE, MD.

FOUTZ'S LINIMENT

has no superior for Rheumatism, Contracted Muscles, Stiffness in the Joints, Scalds or Burns, Corns,
Bunions and Frosted Feet. For animals it is par-excellence.

Shriner's Balsamic Cough Syrup

cannot be excelled for Croup, Coughs, Colds, Whooping Cough, Asthma, Bronchitis, Pains and Weakness in the Breast, Difficulty of Breathing, &c.

SHRINER'S & INDIAN & VERMIFUGE

is guaranteed to destroy and expel worms from the human body where they exist, if used according to the directions. You are authorized to sell it on the above conditions.

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-AND-

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NOTIONS.

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CHEMICAL SCOURER,

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OLD STATEN ISLAND

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DYEING ESTABLISHMENT.

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Ladies' Dresses Gleaned or Dyed without Ripping.

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And Pressed in the neatest manner. Goods received by express or mail.

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GREAT AMERICARUS,

Michigan Congress Water

"The Water of Waters, and has proved itself to be the Best of All."

Language used in the Certificates of Officers, Attendants, Gatekeepers, Police and Firemen at the recent

World's Exposition at Hew Orleans.

Will relieve a Sick Headache in twenty minutes; a Sour Stomach or Heartburn in ten minutes, and sometimes instantly; Overdrinking Effects in from one-half to three-quarters of an hour. Urinary Irregularities relieved without the use of a catheter. Pain in the Back or Loins within a few days, according to the age of the consumer, except that with an aged or infirm person several weeks may be required.

Where many other remedies have failed, it has cured

CATARRH OF BLADDER AND STOMACH, MALARIA, DYSPEPSIA, DIABETES, GRAVEL, RHEUMATISM, DROPSY, KIDNEY, LIVER AND FEMALE COMPLAINTS.

In meeting the demand wished for in this country, where you drink it, there is the satisfaction of knowing it to be the genuine water, flowing from the great Artesian Well, 1402 feet in bed rock, at the capital of Michigan, ordered by the State for the Fifth Session of the Legislature, at the rate of over \$100 per month. Our 2000-gallon tanks can be traced from the well more readily on tank cars visible to all, than through third or fourth hands in bottles or barrels.

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SOLE AGENT FOR MARYLAND,

Cor. South and Water Streets,

A Call or Correspondence solicited.

BALTIMORE, MD.

BAKER R. J. & CO.

DYE WOODS, INDIGO, GLUE, GLYCERINE,

40 S. Charles Street.

ACIDS, STARCH, ETC. See pages 54 and 138.

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TELEGRAPH,

TELEPHONE

AND

ELECTRICAL SUPPLIES

Cor. Charles and German Sts.

Of Every Description.

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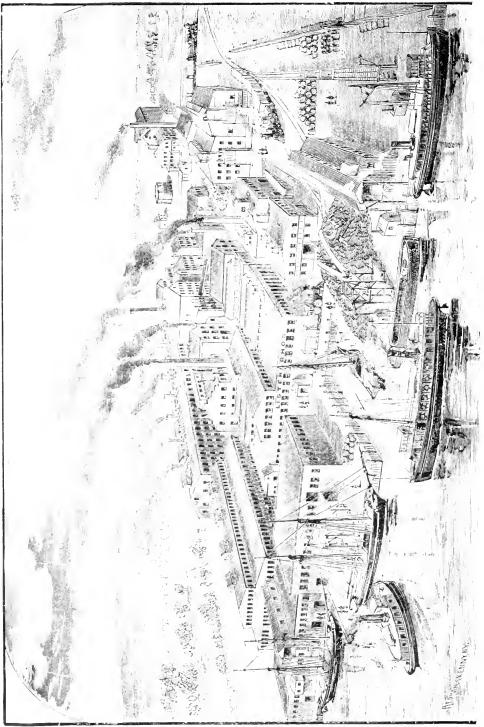
STENCILS

STEEL & RUBBER STAMPS,

105 E. Lombard St., near Light.

CORPORATION SEALS, Etc.

See article on pages 12, 14 and 16. Also article on pages 38, 40 and 42.



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BAKER R. J. & CO. FERTILIZERS

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CHEMICALS.

40 S. Charles Street.

Se**e** pages 54 and 138.

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GAME GUANO,

36 S. Charles St.

Baltimore Soluble Bone, &c.

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SHELL PHOSPHATE

Farmers' Favorite Fertilizer,

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HIGH-GRADE CHEMICALS.

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Also Higgins' Wharf, Norfolk, Va.

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IMPORTERS OF

KAINIT

MURIATE + OF + POTASH,

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NITRATE OF SODA.

BULLOCK JOHN & SON.

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Manufacturers of

Pure Raw and

Dissolved Bone.

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Sulphuric Acid.

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HIGH GRADE

FERTILIZERS,

FOR ALL CROPS.

STAG SUPER PHOSPHATE.

For Potatoes and Tobacco.

Ammoniated Bone Super Phosphate, For Cotton, Corn, Buckwheat and Wheat.

Bird Guano and Potash,
For Corn and Peanuts.

Pure Fine-Ground Raw Bone or Bone Meal,
PURE DISSOLVED RAW BONE,
No. 1 DISSOLVED RAW BONE.

Dissolved Animal Bone,

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And all Chemicals used for Fertilizing.

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Sulphurie Acid,

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DISSOLVED BONE PHOSPHATE.

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CIRCLE BRAND BONE.

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HIGHLANDTOWN CHEMICAL WORKS.

Fertilizers and Acids.

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MANUFACTURER OF

"EXCELSIOR" & "AMMONIATED PHOSPHATE."

305 McElderry's Wharf.

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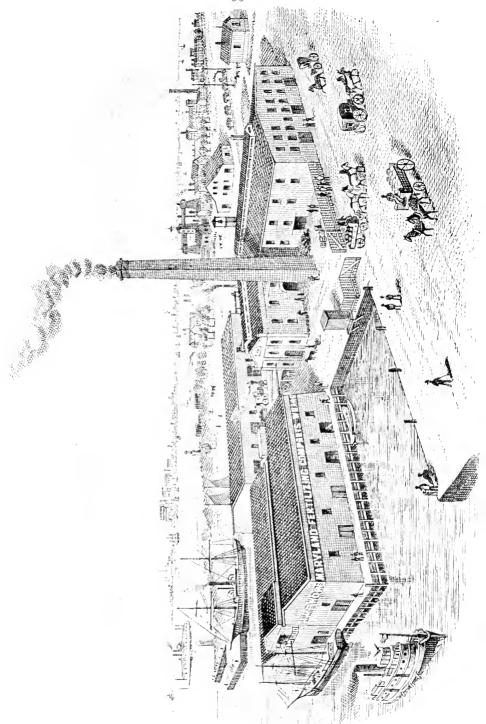
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A No. I Tobacco Fertilizers,

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303 Exchange Place.



MARYLAND FERTILIZING AND MANUFACTURING COMPANY,
Manufacturers of Fertilizers of All Kinds.

Office, No. 30 S. Holliday St., Baltimore.

See Page 132.

Lister's Agr'l Chem. Works.

FERTILIZERS.

202-206 Buchanan's Wharf.

See pages 52 and 134.

Maryland Fert. & Mfg. Co.

FERTILIZERS

OF ALL KINDS.

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See pages 56 and 132.

G. OBER & SONS CO.

STANDARD FERTILIZERS."

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ROBT. OBER, Prest.
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ORGANIZED 1868.

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Piedmont Guano & Mfg. Co.

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FERTILIZING CHEMICALS.

PERUVIAN REFINED

+ NITRATE OF SODA.+
GERMAN POTASH SALTS

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222 E. Baltimore Street.

PETROLEUM.

AS AN ILLUMINATOR.

The observation that the man who makes two blades of grass grow where only one grew before, is a benefactor to his race, finds an analogy in the assertion that he who practically adds to the span of man's life by increasing the number of hours wherein he can labor or enjoy himself, is also a benefactor.

The nineteenth century has been marked in its course by a greater number of inventions and improvements, promotive of human civilization and happiness, than any like period preceding it, and perhaps no feature of its record is more significant or beneficent than the improved methods of lighting our dwellings, brought into use largely through the instrumentality of the

GREAT LIGHT-BEARER, PETROLEUM,

Its welcome, cheerful, steady flame gladdens the cabin of the Western emigrant on his trail through the trackless forest, and lights up the hut of the miner. It cheers equally the home of the thrifty farmer and the rude quarters of the humblest laborer. Its bright rays lend their kindly aid to the thousand homely cares which give zest and happiness to the family circle. Thus the sum of human knowledge is increased and the aggregate of wealth added to by the useful occupancy of hours snatched from darkness and sleep, and thus, practically, man's life has been extended and opportunities of usefulness increased.

MINERAL OILS AS LUBRICANTS.

The advantages, both pecuniary and beneficial, accruing to modern civilization from the introduction of heavy products of petroleum, used for the lubrication of machinery, are hardly second to those resulting from the introduction of the cheap and beautiful light furnished by its illuminating portion.

Professor Thurston, of Cornell University, in his "Treatise on Friction and Lost Work in Machinery and Mill Work," says the best lubricants are, in general, the following for usual conditions met in practice:

Under low temperatures, as in rock-drills driven by compressed air, light mineral lubricating oils.

Under very great pressure with slow speed, graphite, soapstone and other solid lubricants.

POWELL W. S.

Powell's Fertilizers,

DEED DEED CHENNIAN A

No. 16 Light Street.

POWELL'S PREPARED CHEMICALS

For making Fertilizers at home. Send
for Pamphlet.

REESE JOHN S. & CO.

AGENTS FOR

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No. 10 South Street.

BRANDS.

TURNER J.J. & CO.

EXCELSIOR

Ammoniated Bone Super-Phosphate

602 E. Pratt Street.

PERUVIAN GUANO.

TURNER ROBERT & SON.

DEALERS IN

Guano, Grain Seed,
High-Grade Super-Phosphate,

STYLED BONA FIDE.

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POUDRETTE A SPECIALTY.

WALTON & WHANN CO.

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High-Grade Fertilizers.

WHITMAN E. B.

British Mixture.

828 S. Howard St.

WILLIAMS Z. F.

BROKER IN

+ FERTILIZERS +

AND

42 S. Charles Street.

Fertilizing Materials.

Under heavy pressure with slow speed, the above and lard, tallow and other greases.

Heavy pressure and high speed, sperm oil, castor oil and heavy mineral oils.

Light pressure and high speed, sperm, paraffine and other fine product of mineral oil.

Professor Thurston thus speaks of the mineral machinery oils: "The consumption is largely increasing. They are used on all kinds of machinery. They are the safest and cheapest lubricators, and generally superior to animal and vegetable oils and greases. They are safer on account of their non-oxidizing properties and their high fire-test, or the great heat they will resist before vaporizing. They are cheaper in price and more economical, saving both machinery and fuel. They last longer and work cleaner, and are perfectly free from acids and all impurity. They neither gum nor stain materials or the manufacturers' products."

The best oil is that which has the greatest adhesion to metallic surfaces and the least cohesion in its own particles; in this, fine mineral oils stand first, sperm oil second, neat's-foot oil third, and lard oil fourth. Consequently the finest mineral oils are best for light bearings and high velocities. The best animal oil to give body to fine mineral oils is sperm oil. Lard and neat's-foot oil may replace sperm when greater tenacity is required.

BALTIMORE

is the principal point of distribution for the near-by and Southern States, and, with the export trade, which for the year 1886 shows an increase of five million gallons, is an important item in the business of the city.

The total distribution is valued at \$2,500,000.

The representatives in this line have commanded a high position for this market by the most commendable and conservative conduct of the business, which is liable to experience much greater extension in the near future.

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ZELL GUANO CO. THE

MANUFACTURERS OF

ZELLS

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30 South Street.

H. S. ZELL, President. P. B. HOGE, Sec'y and Treas.

See special article on Fertilizers, entitled Mother Earth and the Fer-TILIZING INDUSTRY, pages 38, 40 and 42.

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DUKEHART J. & CO.

IMPORTERS OF

Fine Fishing Tackle

Chesapeake Brand Gilling Threads.

Manufacturers Linen Gill Netting, Cotton Seine Twines and Ropes.

Send for Catalogue,

220 E. Baltimore St., near North.

JOHNSON J. S. & CO.

MANUFACTURERS

IMPORTERS

121 South Street.

Gilling Thread, Fishing Tackle, &c.

Also article on pages 58 and 60. See article on page 28.

PATAPSCO FLOURING MILLS

ESTABLISHED 1774.

BUHRS 1774. ROLLS 1882.

THIS COMPANY OWNS AND OPERATES THREE MILLS, AS FOLLOWS

PATAPSCO MILL A, ELLICOTT CITY, MD.

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DAILY CAPACITY, 2200 BARRELS.

HE "PATAPSCO SUPERLATIVE" is the Premier Flour of America, manufactured chiefly from Maryland and Virginia Wheat, which has long been conceded to be the best, because it has a better combination of Gluten and Phosphates than any other. This celebrated brand commands the highest price in this country, and in the United Kingdom brings more money than any other American Flour.

C. A. GAMBRILL MFG. CO.,

C. A. GAMBRILL MFG. CO.



Office, 214 Commerce St.

See pages 62 and 136.

EGERTON SAM'L E. & CO.

Receivers + and + Jobbers

(Successors to Chas. Tyler)

FLOUR *

10 Spear's Whf. & 18 Water St.

Gootee's Superlative, S. E. Egerton & Co.'s Roller Patent, Tyler's Best Family, Rob Roy Extra, &c.

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4 Spear's Wharf.

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RECEIVERS 40 JOBBERS

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75 Smith's Wharf.

FLOUR.

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FLOUR.

9 & 11 E. Camden St.

SEND FOR PRICE LIST.

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DEALERS IN FILE OF R.

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PAY SPECIAL ATTENTION TO THIS BRANCH OF THE TRADE.

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See article on pages 12, 14 and 16. Also article on pages 38, 40 and 42.

THE ONLY ARTICLE IN THE

UNITED STATES

SOLD EXCLUSIVELY TO

DRUGGISTS

IS THE

ANOSAN

MEDICINAL PURE RYE WHISKEY.

SUPPLIED TO

DRUGGISTS AND PHARMACISTS

ONLY.

ALL OTHER TRADE REFUSED.

THIS IS A PURIFIED RYE WHISKEY, WARRANTED FREE FROM FUSEL OIL.

Druggists and Physicians recommend it to all who need a Pure, Health-giving Stimulant, and for general Medicinal Purposes.

PRICES LOW FOR PURE GOODS.

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CABINET + FURNITURE.

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RECENTLY REMOVED TO NEW SIX-STORY BUILDING AND WITH GREATLY INCREASED FACILITIES PREPARED TO EXECUTE THE MOST EXTENSIVE ORDERS WITH PROMPTNESS AND AT VERY REASONABLE RATES.

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Carpets, Oil Cloths, Matting, Rugs, Etc.

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Rough and

Crystal

PLATE GLASS.

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GAS MACHINES.

KEMP CLARENCE M.

CLIMAX GAS MACHINE.

CLIMAX GAS MACHINE.

Gasoline for Gas Machines.

Fayette & Frederick Sts.

PLUMBING, ETC.
See page 70.

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Window and Bottles.

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Druggists' Flint and Green Glassware.

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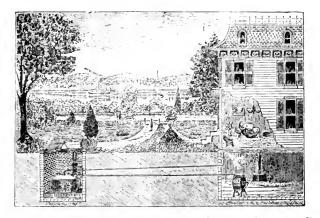
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Makes an exceedingly brilliant, steady, smokeless Gaslight, at a cost much less than city gas.

IT CAN BE ADAPTED ANYWHERE.

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All kinds of inventions perfected and placed on the market.

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10 E. Lombard Street.

Druggists' Flint & Green Glassware. See pages 68 and 130.

SWINDELL BROS.

MANUFACTURERS OF

Druggists' Flint & Green Glassware

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WINDOW GLASS.

10 E. Lombard Street.

See pages 68 and 130.

WILLIAMS Z. F.

BROKER IN

WINDOW GLASS

DRUGGISTS' GLASSWARE,

42 S. Charles Street.

PAINTS, OILS, ETC.
See pages 108 and 114.

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CARROLL W. J. & CO.

WHOLESALE GROCERS

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COMMISSION MERCHANTS.

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GROCERIES.

Lombard and Calvert Sts.

Choice Coffees

OF ALL KINDS.

MYER JAS. & CO.

WHOLESALE

GROCERS.

WM. B. MYER, H. B. CHRISTHILF.

131 Cheapside.

THE HAWTHORN

Excelsior Roof Paint.

HAS BORNE THE TEST OF DURABILITY OF YEARS.

In the past seven years many MILLION square feet of tin and iron roofs have been covered with it in Baltimore city, Maryland and other States.

DAMP BRICK WALLS MADE DRY WITH IT.

It is Elastic! Adhesive!

WATER-PROOF!

STICKS FAST on TIN, IRON, BRICKS, or WOOD.

DRYING HARD in Sun and Weather in a few hours, with a Glazed Surface.

WILL PRESERVE METALS FROM RUST MUCH LONGER THAN ANY OTHER PAINT IN USE AND AT LESS COST.

Put up in Cans, 2 to 5 Gallons each, and in Barrels. Send for Prices.

E. W. ROBINSON,

SOLE PROPRIETOR AND MANUFACTURER.

No. 368 Boundary Ave.

BALTIMORE, MD.

POWELL WM. M. & CO.

WHOLESALE GROCERS

-AND-

RECEIVERS AND JOBBERS IN

112 South Street.

FLOUR.

REESE THOMAS L.

Successor to G. H. Reese & Bros.

FINE GROCERIES.

107 & 109 W. Pratt Street.

TEAS

WILSON, BURNS & CO.

WHOLESALE GROCERS.

Wholesale and Retail.

→FLOUR*

Howard, Lombard and Liberty Sts.

IN ALL SIZE PACKAGES FOR SOUTHERN TRADE.

WILSON, PALMER & CO.

WHOLESALE GROCERS.

Importers and Dealers in

Flour, Syrups,

Howard and Lombard Sts.

CANNED GOODS, ETC.

GUNS, PISTOLS, SPORTING GOODS, &c.

CASSARD & CO.

Wholesale Dealers and Manufacturers' Agents for

SPORTING + GOODS

OF ALL KINDS.

Base Ball and Boxing Gloves.

Revolvers, Checks, Gymnasium Outfits and anything in Sporting Goods line.

20 E. German Street.

McCOMAS ALEX.

MAKER AND IMPORTER OF

Guns, Rifles, Pistols

-AND-

22 S. Calvert St., Baltimore.

SPORTSMEN'S GOODS.

MAX KOHNER,





WHOLESALE DEALER IN

ELGIN AND WALTHAM

WATCHES,

GOLD, GOLD-FILLED, AND SILVER CASES.

GOLD AND ROLL-PLATED

TELRY

OF ALL DESCRIPTIONS.

Spectacles and Eye Glasses a Specialty.

Lowest Prices, and Quality of Everything Guaranteed.

MAX KOHNER,

7 S. Charles Street.

BALTIMORE, MD.

PATTERSON W. P.

BREECH AND MUZZLE-LOADING

* * * GUNS * * *

38 East Pratt Street.

+Revolvers, Rifles, Ammunition+

WERTSNER C. S. & CO.

Guns, Rifles, Revolvers, Ammunition,

2 Light St. (opp. Carrollton Hotel)

Sporting Goods.

HARDWARE—Cabinet, General, Upholsterers', Etc.

FOR CARRIAGE HARDWARE, SEE CARRIAGE GOODS, ETC.

CASSARD & CO.

WHOLESALE DEALERS AND MANUFAC-TURERS' AGENTS FOR

20 East German Street.

HARDWARE, CUTLERY,

Revolvers, &c.

Chesapeake (The) Mfg. Co.

STEEL and BRASS WOOD SCREWS,
STEEL WIRE NAILS,

STOVE AND TIRE BOLTS.

449 North Street.

RIVETS, WASHERS, &c.

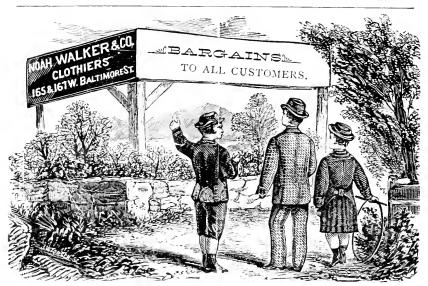
DUER JOHN & SONS.

Cabinet Hardware.

24 South Charles St.

FURNITURE MARDWARE

See article on pages 12, 14 and 16.



NOAH WALKER & CO.

The Celebrated CLOTHIERS of Baltimore, Md.

Announce the introduction of a plan of ordering CLOTHING and UNDERWEAR BY LET-TER, to which they call your special attention. They will send on application their improved and accurate Rules for Self-Measurement, and a full line of samples from their immense stock of

Cloths, Cassimeres, Coatings, Shirtings, &c.

A LARGE AND WELL-ASSORTED STOCK OF

READY-MADE CLOTHING always on hand, together FURNISHING GOODS.

A COMPLETE ASSORTMENT OF

CHILDREN'S BLOUSE SUITS AT FROM \$2 to \$4.

Manufacturers and Dealers in Men's and Boys' Clothing and Furnishing Goods, either Ready-Made or Made to Order.

TA DISCOUNT OF TEN PER CENT. ALLOWED ALL CLERGYMEN.

New Nos. 119 \$\infty\$ 121 East Baltimore Street,

BALTIMORE. MD.

Branch Stores: No. 625 Pennsylvania Avenue, Washington, D. C. No. 143 Sycamore Street, Petersburg, Va.

BROWN M. J. & W. A.

+ Commission Merchants +

AND DEALERS IN

HAY, GRAIN,

717 and 719 East Pratt St.

FEED, &c.

HIDE AND LEATHER DEALERS.

DODGE WM. E. & SON.

BUYERS OF

HIDES, SKINS>

38 South Calvert St.

TALLOW.

Correspondence Solicited.

LARRABEE E. & SONS.

WHOLESALE DEALERS IN

hides, Leanher,

—AND—

Calvert and German Sts.

SHOE FINDINGS.

MULLIKIN WM. L. & CO.

COMMISSION

LEATHER,

HIDES, OILS, &c.

26 South Calvert Street.

See articles on page 28.

See article on pages 58 and 60.

Oldest Dry Goods House in Baltimore.

CHAS. SIMON & SONS.

No. 208 NORTH HOWARD STREET.

ESTABLISHED IN 1816.

IMPORTERS AND DEALERS IN

SILK DRESS GOODS,

WOOLEN DRESS GOODS,

COTTON DRESS GOODS.

LINEN DRESS GOODS,

ENGLISH CRAPE.

SHAWLS, WHITE GOODS,

DOMESTIC COTTON GOODS,

LACE CURTAINS, LINEN GOODS,

TABLE CLOTHS, QUILTS, BLANKETS,

COMFORTS, FURNITURE COVERINGS,

MERINO UNDERWEAR, HOSIERY,

GLOVES, HANDKERCHIEFS,

LACES, EMBROIDERIES,

FLANNELS, CLOTHS, CASSIMERES, CLOAKING, ETC., ETC.

Orders for Samples solicited and sent by mail free of charge. Orders for goods amounting to \$20 or over sent free of freight charge, by express.

DRESSMAKING DEPARTMENT.

Rules of self-measurement, samples of material, with estimate of cost, sent upon application.

Descriptive catalogue of our stock sent free when desired.

Terms Cash.

FOUTZ DAVID E.

FOUTZ'S MORSE * CATTLE POWDERS

Foutz's # Medicines.

See pages 48 and 138.

HOTELS.

CARROLLTON HOTEL.

CENTRALLY LOCATED,
POPULAR, .: COMMODIOUS,
with all

Baltimore, Light & German Sts.

MODERN CONVENIENCES, ETC. See page 18.

HUB MANUFACTURERS.

SEE ALSO CARRIAGE GOODS, ETC.

STINSON JOHN.

BALTIMORE

HUB + FACTORY

330 N. Holliday St.

Also Dealers in Carriage Hardware.

STORCK A. & SONS.

«◀ MANUFACTURERS OF ₩ UBS.

557 & 559 E. Monument Street, 1066 N. Front Street. LUMBER, SASH, DOORS,

BLINDS. &c.

See article on pages 30, 32, 34 and 36.

UNITED STATES

States and Territories.	Electoral Vote by States.	Population by States.
Alabama		1,262,505
Arizona		40,440
Arkansas		802,525
California		864,694
Colorado	3	194,327
Connecticut.	6	622,700
Dakota		135,177
Delaware		146,608
District of Columbia		177,638
Florida		269,494
Georgia		1,542,359
Idaho		32,610
Illinois	22	3,077,871
Indiana	. 15	1,977,301
Iowa	13	1,624,615
Kansas	. 9	996,096
Kentucky	13	1,648,690
Louisiana		939,946
Maine		648,936
Maryland		934,943
Massachusetts		1,783,085
Michigan		1,636,937
Minnesota		780,733
Mississippi	•	1,131,597
		2,168,380
Missouri		39,159
Montana	~	452,402
Nebraska		
Nevada		26,266
New Hampshire	4	346,991
New Jersey		1,131,116
New Mexico		119,565
New York	. 36	5,082,871
North Carolina		1,399,750
Ohio		3,198,062
Oregon	. 3	174,768
Pennsylvania	. 30	4,282,891
Rhode Island		276,531
South Carolina	. 9	995,577
Tennessee	. 12	1,542,180
Texas		1,591,749
Utah		143,963
Vermont		332,286
Virginia		1,512,565
Washington		75,116
West Virginia		618,457
Wisconsin		1,315,497
		29,789
Wyoming	• • • • •	20,100
Total	401	52,152,866

Anglo-Nevada Assurance

CORPORATION.

FIRE AND MARINE.

Cash Capital, \$2,000,000.

406 Second Street.

LAWFORD & MCKIM, GENERAL AGENTS.

Home Fire Insurance Co.

OF BALTIMORE.

INCORPORATED 1867.

INSURES GENERALLY AGAINST LOSS BY

10 South Street.

FIRE

Maryland Fire Insurance Co.

OF BALTIMORE.

INCORPORATED 1858.

INSURES PROPERTY AGAINST LOSS BY

Second St. and Post-Office Ave.

FIRE

ROYAL INSURANCE CO

OF LIVERPOOL, ENG.

i.c.

., -----

BALTIMORE DEPARTMENT.

R. EMORY WARFIELD, Manager.

The Royal has the largest net surplus of any Fire Insurance Company in the world.

15 South Street.

Losses paid as soon as ascertained, without the usual discount for cash payment.

INSURANCE-LIFE.

BRESEE O. F. & SONS.

GENERAL AGENTS

Mutual Life Ins. Co.

OF NEW YORK.

213 E. German Street.

The Largest Insurance Company in the World.

See article on pages 12, 14 and 16.

BANKING.

LEGAL OR BANK HOLIDAYS:

NEW YEAR'S DAY,

FOURTH OF JULY,

THANKSGIVING DAY,

CHRISTMAS DAY.

The Above Days are Observed in all the States.

The following days are kept as holidays by the Banks in **SOME** of the States: WASHINGTON'S BIRTHDAY, GENERAL ELECTION DAYS. GOOD FRIDAY, DECORATION DAY.

GRACE IS ALLOWED ON SIGHT DRAFTS IN THE FOLLOW-ING-NAMED STATES, ETC.—VIZ.:

ALABAMA,	$D\Lambda KOT\Lambda$,	INDIANA,
IOWA,	KENTUCKY,	MAINE,
MASSACHUSETTS,	MICHIGAN,	MINNESOTA,
MISSISSIPPI,	MONTANA,	NEBRASKA,
NEW HAMPSHIRE,	NEW JERSEY,	NORTH CAROLINA,
OREGON,	RHODE ISLAND,	SOUTH CAROLINA,
UTAH,	WISCONSIN,	WYOMING,
•	Also CANADA.	

Untess the words "without grace" are inserted, all Sight Drafts on these States are held by the Banks 3 days after presentation, before collections can be enforced.

CLARKE ADDISON & BRO.

IRON, STEEL AND NAILS.

102 E. Lombard St.

GREER JOHN J. & CO.

BAR IRON,

NAILS, * STEEL,

207 & 209 W. Pratt St.

HORSE SHOES, &c.

SMITH A. W. & CO.

IRON, NAILS, STEEL, &c.

604 E. Lombard St.

Thompson, Ashburner & Co.

BAR. HOOP,

Plate and Sheet Iron,

25 S. Gay St.

R. R. Bar, Cast Steel, Nails, &c.

WETHERALL W. G.

113 and 115 S. Calvert Street and 112 and 114 Cheapside.

Iron and Steel.

WYETH W. N.

IRON & STEEL, BOILER PLATES,

BOHLER TUBES, PIPE, &c.

Charles and Lombard Sts.

IRON, STEEL AND HORSE SHOES.

Winternitz Sam'l G. & Bro.

214-224 S. Howard Street, 306 and 308 W. Camden Street. Bar Iron and Steel, Heavy Hardware, Tools and Machinery. Wagon and Carriage Material. Agents for the Bolton Steel Co., Manhattan Rolling Mill, Boynton & Plummer's (Hand and Power) Upright and Horizontal Self-Feeding Drills, Bolt Cutters and Other Labor-Saving Machinery. Phoenix Horse and Mule Shoes, Brydon's Patent Calked Horse and Mule Shoes, New Haven and Champlain Horse Nails, McLean Horse Shoe Pad Co., Culver Patent Shoe Shapes, Champion Blower and Forge Co., Pennsylvania Bolt and Nut Co.

GEORGIA.



Georgia, the most populous of the South-Atlantic States. Farthest south and latest settled of the thirteen original States: named in honor of George II of England.

Area, 59,475 square miles; extreme length, 320 miles; extreme breadth, 254 miles.

Savannah, Brunswick and St. Mary's are ports of entry. Savannah is the second cotton port of the United States. Columbus contains largest cotton-mill in the South. Augusta is one of the leading manufacturing centres in the South.

Average value per acre of farms, \$6.93; woodland, \$5.45.

Ranks second in rice and sweet potatoes; third in cotton and molasses; fourth in sugar.

Gold, coal and iron in some counties.

Salaries of State Officials:—Governor, \$3000; Secretary of State, \$2000; Treasurer, \$2000; Attorney-General, \$2000; Chief Justice, \$2500; Associate Justices, \$2500; Senators and Representatives, \$4.00 per day and mileage.

Presidential Post-Offices:—Albany, \$1600: Athens, \$1900: Atlanta, \$3300: Augusta. \$2800: Columbus, \$2500; Macon, \$2700; Rome, \$2300: Savannah, \$3200.

Number electoral votes, 12.

ldiots, insane, criminals and non-taxpayers excluded from voting.

State University at Athens.

Legal interest, 7: by contract, 8.

BRECHT LOUIS. Variety Iron Works.

CAST AND WROUGHT-IRON WORK.

Iron Safe Doors, Balconies, Awnings, Building Work, Ornamental Work; Iron Railings, Porches, Hothorses, Hay Racks, Settees, Bedsteads, &c.

Satisfaction Guaranteed.

316 W. Franklin St., above Howard.

KRUG G. & SON.

Wrought & Cast-Iron Work,

-RAILING-

Shutters, Doors, Balconies, Verandas, Cresting, Vanes, Finials. Builders' Iron Work. Etc.

S.W. Cor. Saratoga & Jasper Sts.

PAGELS GEO. H. & SON.

Railing, Vault Doors

—— A N D

IROM SHUTTERS.

N. E. Cor. Saratoga & Jasper Sts.

ALL KINDS OF BUILDERS' IRONS, &c. STIRRUPS A SPECIALTY.

See article on pages 58 and 60.

See article on page 28.

See article on pages 38, 40 and 42.

See article on pages 30, 32, 34 and 36.

MARYLAND.

"THE GASTRONOMIC CENTRE OF THE UNIVERSE."



One of the thirteen original States; named in honor of Henrietta Maria, wife of Charles II, King of England; first permanent settlement in 1634, at St. Mary's, by English Roman Catholics.

Area, 12,210 square miles; seacoast, 33 miles.

Baltimore, the metropolis; laid out in 1730; has regular lines European steamers; is one of the healthiest cities on the globe; excellent drainage; population, 1887, 450,000. The capital, Annapolis, contains United States Naval Academy; population, 7800.

The depot of western mining region is Cumberland; population, 13,000.

Average value per acre of farms, \$24.05; woodland, \$35.50.

Wheat crop, 1884, 8,230,000 bushels; corn, 15,237,000 bushels; to-bacco, 31,570,793 lbs.

Annual value principal orchard products:—Peaches, pears, plums and apples, nearly \$2,000,000; canned and preserved fruits and vegetables, over \$2,000,000; ovster fisheries, nearly \$5,000,000.

Number manufacturing establishments, 6787; capital invested, \$59,-000,000; hands employed, 74,945.

Salaries of State Officials:—Governor, \$4500; Secretary of State, \$2000; Treasurer, \$2500; Comptroller, \$2500; Attorney-General, \$3000; Chief Justice, \$3500; 7 Associate Justices, \$3500; District Judge, \$4000; Senators and Representatives, \$5.00 per day and mileage; Collector of Customs, \$7000; Naval Officer, \$5000; Surveyor, \$4500.

Presidential Post-Offices:—Annapolis, \$2400; Baltimore, \$5000; Cumberland, \$2300; Easton, \$1700; Elkton, \$1500; Frederick, \$2200; Hagerstown, \$2300.

Number electoral votes, 8.

Insane, convicts and bribers excluded from all voting. Legal interest rate, 6; usury forfeits excess of interest. WELSH & BRO.

(LATE OF CANFIELD, BRO. & CO.)

5 E. Baltimore St.

WATCHES, DIAMONDS,

JEWELRY, J SILVER

AND .. PLATED .. WARE.

SWAYNE & CO.

Fine Pancy Goods # Jewelry,

FANS, BISQUE, BRIG-A-BRAG,

205 & 207 N. Charles St.

Solid Gold and Gold-Plated Jewelry

JEWELERS-WHOLESALE.

KOHNER MAX.

7 S. Charles St.

Wholesale Dealer in

Elgin & Waltham Watches
GOLD AND PLATED JEWELRY,

EYE-GLASSES, SPECTACLES, &c.
See page 74.

OPPENHEIMER D. & BRO.

WHOLESALE

©JEWELRY →&→ WATCHES.→

121 W. Baltimore St. (Old 283).

LEAD MANUFACTURERS.

PIPE AND SHEET LEAD.

ROBERTSON JAS. & CO.

Office, 17 S. Charles Street. Works, 827 S. Howard Street. SHEET LEAD, LEAD PIPE.

Plumbers', Gas and Steam Fitters'

NORTH CAROLINA.



One of the thirteen original States; discovered by Lord Raleigh 1584; settled by English, at Albemarle, 1650.

Area, 52,250 square miles: coast line over 400 miles; area Dismal Swamp, 150,000 acres: number counties, 96.

Wilmington, principal seaport and chief city: population, 22,000; is the greatest market in the world for naval stores.

Raleigh, "the City of Oaks," capital, and contains the State institutions; population, 14,000.

Charlotte, the depot of the gold district, contains the assay office, which determines the fineness, weight and value of the precious metal.

Average value per acre of farms, \$9.77; woodland, \$5.53.

Agriculture the leading industry: corn the most valuable crop; tobacco the leading product.

Ranks first in tar and turpentine, third in tobacco.

Salaries of State Officials:—Governor, \$3000; Secretary of State, \$2000; Treasurer, \$3000; Attorney-General, \$2000; Chief Justice, \$2500; 2 Associate Justices, \$2500; Senators and Representatives, \$4.00 a day and mileage.

Presidential Post-Offices:—Charlotte, \$2400; Durham, \$1600; New Berne, \$1900; Raleigh, \$2600; Wilmington, \$2600; Winston, \$1800.

Number electoral votes, 11.

Convicts excluded from voting.

Legal interest rate, 6; by contract, 8.

HAY GEO. M.

TEXAS.
ALUM AND VIRGINIA

IMPORTER

12 and 14 N. Greene Street.

GERMAN PORTLAND CEMENT.

PLEMPEL & SON.

LIME,®

Portland * Cement, * Hair, BRICKS,

301 McElderry's Wharf.

Land and Calcined Plaster, Drain Pipes, &c

LIQUORS AND WINES.

BRUCE EDW. B. & CO.

IMPORTERS OF

†WINES, &C. †

306 Exchange Place.

And Curers of Rye & Bourbon Whiskeys.

DARRELL CHARLES & CO.

WINES AND SPIRITS.

116 Commerce St.

WILLIAMS Z. F.

DRUG BROKER

AND HANDLER OF

LIQUORS AS MEDICINE ONLY.

42 S. Charles St.

ONLY FOR THE DRUG TRADE.

See article on pages 12, 14 and 16.

SOUTH CAROLINA.



One of the thirteen original States; first permanent settlement made by English, at Port Royal, 1670; famous nullification troubles occurred 1832-33, led by J. C. Calhoun.

Area, 30,170 square miles; extreme length, 275 miles; greatest breadth, 210 miles.

Charleston, first rice-market in the United States, is the largest city; laid out in 1680: population, 50,000: port of entry. U.S. customs districts at Beaufort, Charleston and Georgetown.

Aiken is a favorite winter resort for invalids.

First railroad to use American locomotives, the South Carolina, built 1830-33.

Average value per acre of farms, \$6.24; woodland, \$8.64.

State noted for its rice, sea-island cotton and palmettoes. Ranks first in phosphates.

Gold mines in Abbeville, Edgefield and Union Counties.

White and variegated marbles found in Spartanburg and Laurens Counties.

Salaries of State Officials:—Governor, \$3500; Secretary of State, \$2100; Treasurer, \$2100; Attorney-General, \$2100; Chief Justice, \$4000; Associate Justices, \$3500; Senators and Representatives, \$5.00 per day and mileage.

Presidential Post-Offices:—Aiken, \$1600; Beaufort, \$1400; Charleston, \$3200; Columbia, \$2500; Greenville C. H., \$2000; Spartanburg C. H., \$1800; Winnsborough, \$1200.

Number electoral votes, 9.

Insane, inmates of asylums, almshouses and prisons, U. S. army and duelists excluded from voting.

Legal interest rate, 7; by contract, any rate.

BASSHOR THOS. C. & CO.

→ MACHINERY ►

OF ALL KINDS.

28 Light Street.

STEAM and WATER

- HEATING.

-AGENTS FOR-

Dugan Cumberland & Co.

Wood and Iron Machinery, Leather and Rubber Belting,

ENGINES AND BOILERS,

30 S. Charles St.

Lathes, Planers, Drills, Steam Pumps, Wrought-Iron Pipes, Boiler Flues, etc.

REUTER & MALLORY

RAILROAD,

MACHINISTS'

MANUFACTURERS'

22 Light Street.

SUPPLIES.

MACHINISTS.

SEE ALSO BOILER MAKERS.

CODD E. J. & CO.

FOUNDRY, MACHINE

ENGINES, BOILERS, Shafting, Pulleys, Etc.

702 to 708 S. Caroline Street.

DETRICK & HARVEY.

The Open Side Iron Planer

FOR LONG & EXTRA-WIDE WORK.

Preston St. and Jones Falls.

Fine and Special Machinery Send for Catalogue.

ELLERBROCK & FADUM.

ENGINEERS.

Machinery of all kinds Built and Repaired. MODELS

Steam Pumps, Steam and Water Fittings, etc.

408 German St., above Eutaw.

Special attention paid to Steam Pumps.

VIRGINIA.



One of the thirteen original States: named in honor of Elizabeth, the Virgin Queen; settled by English, at Jamestown, 1607.

Area, 42,450 square miles; coast line about 120 miles, or tidal frontage 1500 miles.

Richmond, capital and metropolis; population, 63,803.

Hampton Roads is one of the best harbors on Atlantic Coast; has seven ports of entry.

Average value per acre of farms, \$9.42; woodland, \$7.48.

Marble quarried on Potomac. Number sandstone quarries, 10; ship-building establishments. 65; saw mills, 907; flour and grist mills, 1385.

Gold produced, 1882, \$15,000; iron, zinc and lead also produced.

Ranks first in peanuts, second in tobacco, eighth in salt and iron ore.

Salaries of State Officials:—Governor, \$5000; Secretary of State, \$2000; Treasurer, \$2000; Auditor, \$3000; Attorney-General, \$2500; President Supreme Court, \$3250; 4 Judges Supreme Court, \$3000; Senators and Representatives, \$540 per annum.

Presidential Post-Offices:—Alexandria, \$2400; Danville, \$2400; Lynchburg, \$2800; Norfolk, \$3100; Petersburg, \$2600; Richmond, \$3400.

Number electoral votes, 12.

Lunatics, convicts, duelists, U. S. army and non-taxpayers of capitation tax excluded from voting.

Legal interest, 6; by contract, 8; usury forfeits excess over 6 per cent.

FRANK ERNEST & SON.

Engine Machine Manufacturing Works.

642 & 644 W. Pratt St.

BOILER MAKERS, SMITHWRIGHTS, &c.

LARRABEE H. C. & CO.

Caroline & Lancaster Sts.

MARQUETTE JOHN N.

118 West Falls Ave.

ENGINEER & AND & MACHINIST.

Distillery, Bake-House and Mill Work.

SHAFTING, HANGERS, CASTINGS

Millwright Work Attended to Promptly.

MURRAY JAMES & SON.

(ESTABLISHED 1837.)

102-108 York Street.

MACHINISTS & MILLWRIGHTS.

MARINE RAILWAY, PHOSPHATE MACHINERY, DAVID'S DISINTEGRATERS AND BONE MILLS.

Improved Clay Tempering Machinery, Steam or Horse Power.

MURRILL & KEIZER.

200-204 N. Holliday St.

MACHINISTS

AND

Manufacturers of Light Machinery
DAMPER REGULATORS,
PATTERNS AND MODELS.

PAGE GEO. & CO.

14 N. Schroeder St.

MACHINISTS FOUNDERS.

POOLE & HUNT.

MACHINE-MOULDED

MILL, GEARING

233 E. German St.

GENERAL MACHINERY.

WEST VIRGINIA.



"Pan-Handle State." Composed of northern and western counties of the original State of Virginia. Became a State in 1863.

Area, 24,780 square miles; greatest length, north and south, about 240 miles; greatest breadth, 160 miles.

Charleston, capital; is the depot for salt, coal and iron regions; population, 4192.

Wheeling, metropolis; principal seat of manufactures, and port of delivery; population, 31,266.

Parkersburg is the shipping point for the petroleum district; population, 9000.

Average value per acre of farms, \$21.05; woodland, \$9.39.

Staples are tobacco, wheat and corn, the last being the most valuable crop. Iron ore yields 50 to 80 per cent. pure metal; latest amount reported, 61,216 tons; coal, 1,792,570 tons; salt, 2,679,438 bushels.

Petroleum is extensively produced in Ritchie, Pleasants, Wood and Wirt Counties.

Salaries of State Officials:—Governor, \$2700; Secretary of State, \$1000; Treasurer, \$1100; Attorney-General, \$1000; Judge Supreme Court, \$2250; Associate Judges, \$2250; Senators and Representatives, \$4.00 per day and mileage 10 cents.

Presidential Post-Offices:—Charleston, \$2100; Charlestown, \$1500; Parkersburg, \$2300; Piedmont, \$1300; Wheeling, \$3000.

Number electoral votes, 6.

Insane, paupers and convicts excluded from voting.

Legal interest, 6; by contract, 6; usury forfeits excess of interest.

POOLE & HUNT.

MANUFACTURERS OF

Turbine Water Wheels,

233 E. German St.

ENGINES, BOILERS, ETC.

POOLE & HUNT.

MANUFACTURERS

Dight + and + Heavy + Shafting,

233 E. German St.

PULLEYS, ETC.

STEVENSON & PLUNKETT.

ENGINEERS AND MACHINISTS.

Stationary and Hoisting Engines, Pulleys, Shafting, Hangers, &c. Presses, Dies, Can-Makers' and Packers' Machinery, &c.

229 N. Holliday St.

Drawings and Estimates of all kinds of Machinery.

MANTELS, TILES, Etc.

SEE ALSO MARBLE AND STONE WORKERS.

BEVAN & SONS.

MONUMENTS,

TOMBSTONES, * MANTELS, * TILES, * &C.

227 W. Saratoga St.

Building Marble and Brownstone.

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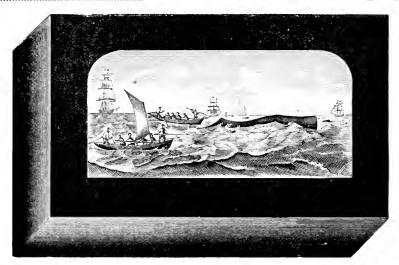
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See page 130.

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Spring Water White, over 150 deg. Fire Test.
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PAINTS IN OIL.

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Star Mystery

BRANDS Les See pages 104 and 106.

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Excelsior Roofing Paint.

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See page 102.



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OILS of all Grades and Prices.

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Vanilla, Lemon, Rose, Orange, Almond, Strawberry, Etc., Etc.,
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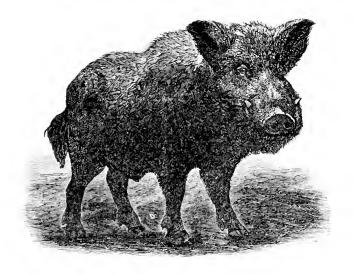
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See pages 20 and 134

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See page 116.

See article on pages 38, 40 and 42.



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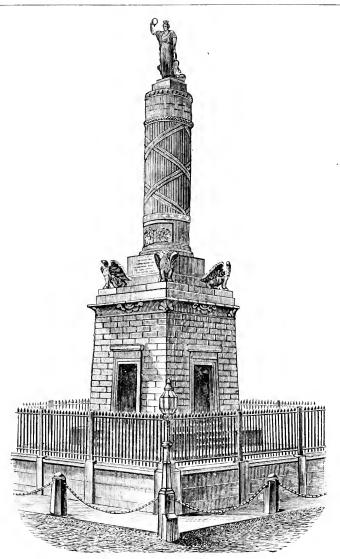
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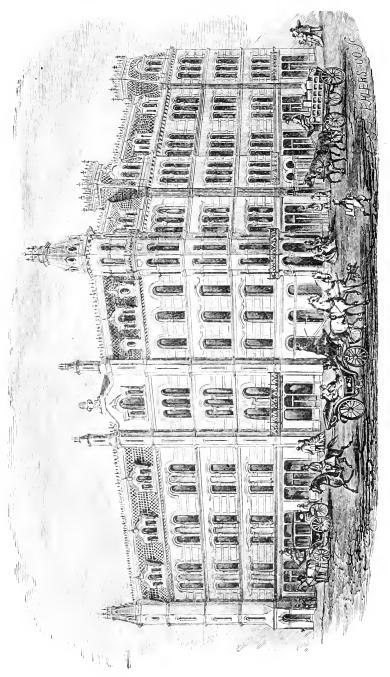
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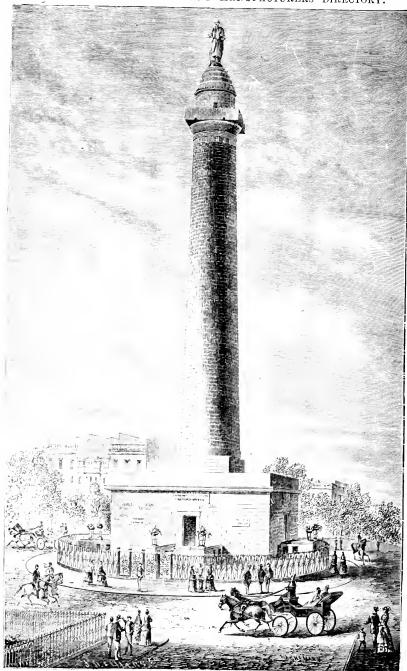
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See article on pages 12, 14 and 16.

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PATENT PUMP.

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See article on page 28. Also on pages 58 and 60.

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See article on pages 12, 14 and 16.

See article on pages 38, 40 and 42.

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SMOKED AND DRY SALTED MEATS,
MESS PORK & FAMILY BEEF, SUGAR-CURED MEATS,
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THE BEST FERTILIZERS NOW IN USE.

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DAILY CAPACITY, 2200 BBLS.

OF THE BEST FLOUR IN AMERICA.

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WISCHMEYER ED. & CO. MOBAGGO COMMISSION * MERCHANTS. CHEAP PENNSYLVANIA CIGARS A SPECIALTY.

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See article on page 28.

See article on pages 30, 32, 34 and 36.

See article on pages 58 and 60.

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R. J. BAKER & CO.

40 South Charles St., BALTIMORE.

Fertilizers, Fertilizing Materials -

SPECIAL FORMULAS COMPOUNDED.

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For Towns, Railroads, Country Seats, Institutions, Asylums, Factories, Farms and Private Residences.

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Opper, Lead or Iron Metal.

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STEAM HEATING of Public and Private Buildings, by direct or indirect heat, with round or flat coils, or massed tubes of wrought or cast Radiators of iron or brass metal, on the latest approved principles. Hotair Heating, by Hotagir Furna gos or Fire-pla e Heaters. French Seel Plate and Cast-Iron

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The Halladay has proven itself to be the best Wind Mill ever erectel, and has more power.

At the late Agricultural Fair held at Philadelphia, in a public trial the Halladay pumped one-half More water than either of its five competitors. It is guaranteed in

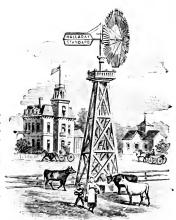
than either of its five competitors. It is guaranteed in material and workmanship, and to do all it is recommended. Send for a circular



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Repairs of all the above kind of work attended to.

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VARNISHES.

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See pages 108 and 114.

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NATURAL FLOW, WIND OR

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Stair Work, Church Work,
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See page 26.

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Plain Wood Hub, Warner Patent, Brown's Shell Band

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Secret Banded Wheels, SPOKES, RIMS, ETC.

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See page 22.

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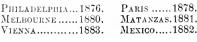
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